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(54) Title: **HARDFACING FERROALLOY MATERIALS**

(57) Abstract: A method of producing a carbide-containing ferroalloy welding consumable material and a method of producing a hardfacing on a suitable substrate using the consumable material are disclosed. The method of producing the consumable material comprises the steps of forming a homogeneous melt that has a required concentration of key elements, such as carbon, chromium and manganese, for the consumable material and forming a consumable material from the melt.

WO 2005/078156 A1